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72-15-02  
68/1734  
PATENT

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Kevin G. Rooney, Reg. No. 36,330

2/1/02  
Date

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FEB 15 2002  
TC 1700

Applicant: Yukio Nakamura  
Serial No.: 09/805,085  
Filed: March 13, 2001  
Art Unit: 3761  
Examiner: Unknown  
Title: DEVICE AND METHOD FOR APPLYING ADHESIVE TO MATERIALS SUCH AS STRANDS  
Atty Docket No.: NOR-999

Cincinnati, Ohio 45202

February 1, 2002

### INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In accordance with the duty of candor and good faith imposed by 37 CFR §1.56 and means of complying therewith according to 37 CFR §§1.97 and 1.98, the references listed on the attached PTO-1449 are called to the attention of the United States Patent and Trademark Office in connection with the above-identified patent

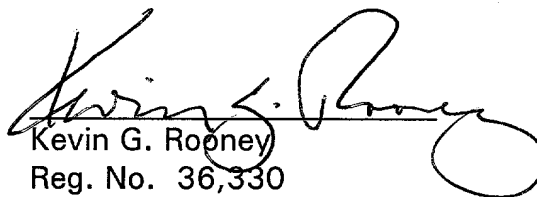
application. Copies of the cited references are enclosed herewith. No admission is made that the cited art represents the prior art or that the cited art is the most material art.

The Examiner is urged to consider the cited references and to make an independent decision with respect to their materiality.

Applicant believes that this communication is being mailed before a first action on the merits and, therefore, no fee is due. If this is not the case, the Commissioner is authorized to charge deposit account 23-3000 for any required fees.

Respectfully submitted,

WOOD, HERRON & EVANS, L.L.P.

  
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PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
NOR-999SERIAL NO.  
09/805,085INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use several sheets if necessary)

(37 CFR 1.98(b))

APPLICANT  
Yukio NakamuraFILING DATE  
March 13, 2001GROUP  
Unknown

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A.A	1	8	6	8	6	9	0	7/1932	Brigham			
	A.B	2	2	3	1	8	0	8	2/1941	Isaac	57	152	
	A.C	2	4	2	4	7	4	3	7/1947	Davis	28	82	
	A.D	3	4	5	9	6	1	5	8/1969	Eilerman	156	181	
	A.E	3	5	4	3	3	3	2	12/1970	Wagner et al.	18	8	
	A.F	3	6	1	5	9	9	5	10/1971	Buntin et al.	156	161	
	A.G	3	7	6	2	9	8	2	10/1973	Whittington	161	47	
	A.H	3	8	4	9	0	4	0	11/1974	McGinnis et al.	425	72	
	A.I	3	9	0	3	8	4	0	9/1975	Gemelli	118	10	
	A.J	4	0	3	1	8	5	4	6/1977	Sprague, Jr.	118	641	
	A.K	4	0	9	8	6	3	2	7/1978	Sprague, Jr.	156	295	

## FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION (YES/NO)
	A.L	0235815	9/1987	EP			
	A.M	2148183	5/1985	GB			
	A.N	11244774A	9/1999	Japan			
	A.O						
	A.P						
	A.Q						

## OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

	A.R	Syang-Peng Rwei, <u>Dog-Legging in the Melt Spinning Process</u> , Polymer Engineering and Science, Vol 38, No. 2, pgs. 341-347, February 1998
	A.S	J&M Laboratories, <u>Durastitch™ Technology</u> , New Product Release Manual, February 1997
	A.T	Rajiv S. Rao et al., <u>Vibration and Stability in the Melt Blowing Process</u> , Ind. Eng. Chem., 32, pgs. 3100-3111, 1993

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	B.A	4	1	3	5	9	0	3	1/1979	Ohsato et al.	65	5	
	B.B	4	1	4	7	5	8	0	4/1979	Buell	156	291	
	B.C	4	1	8	5	9	8	1	1/1980	Ohsato et al.	65	5	
	B.D	4	2	5	9	2	2	0	3/1981	Bunnelle et al.	260	27	
	B.E	4	3	7	9	0	1	6	4/1983	Stemmler et al.	156	205	
	B.F	4	4	1	8	1	2	3	11/1983	Bunnelle et al.	428	517	
	B.G	4	4	7	3	9	8	6	10/1984	Zeigler	52	645	
	B.H	4	5	2	5	2	2	9	6/1985	Suzuki et al.	156	161	
	B.I	4	5	4	3	0	9	9	9/1985	Bunnelle et al.	604	385	
	B.J	4	6	2	6	3	0	5	12/1986	Suzuki et al.	156	164	
	B.K	4	6	6	6	5	4	2	5/1987	De Jonckheere	156	164	

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	B.L						
	B.M						
	B.N						
	B.O						
	B.P						
	B.Q						

## OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

	B.R	Nordson Corporation, <u>Recouping the Costs of Disposable Diaper Improvements</u> , Brochure, 1/1989
	B.S	Exxon Chemical Company, <u>Meltblowing Process</u> , Brochure, 9/1994
	B.T	Nordson Corporation, <u>Adhesive and Powder Application Systems for the Nonwovens Industry</u> , Brochure, 1992

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	C.A	4	6	8	7	4	7	7	8/1987	Suzuki et al.	604	385
	C.B	4	6	9	5	2	7	8	9/1987	Lawson	604	385
	C.C	4	7	1	0	1	8	7	12/1987	Boland et al.	604	385
	C.D	4	7	1	9	2	6	1	1/1988	Bunnelle et al.	525	97
	C.E	4	7	6	2	5	2	1	8/1988	Roessler et al.	604	38
	C.F	4	7	6	2	5	8	2	8/1988	de Jonckheere	156	164
	C.G	4	7	7	0	6	5	6	9/1988	Proxmire et al.	604	393
	C.H	4	7	8	8	0	8	9	11/1988	Skipper	428	34.9
	C.I	4	7	9	8	6	0	3	1/1989	Meyer et al.	604	378
	C.J	4	8	4	2	6	6	6	6/1989	Werenicz	156	161
	C.K	4	8	4	4	0	0	3	7/1989	Slautterback et al.	118	323

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	C.O						
	C.P						
	C.Q						

## OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

	C.R	Synthetic Surfaces Inc., <u>Roll With It: Aqueous Adhesives Bond Rubber Covered Rollers</u> , Adhesive Age, 2/1994
	C.S	J and M Laboratories, Inc., <u>DuraSystem Hot Melt Applicators</u> , Brochure, undated
	C.T	Nordson Corporation, <u>Trends: Stranded Elastic Solutions</u> , Brochure, undated

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EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	D.A	4	8	8	0	4	2	0	11/1989	Pomparelli	604	385.1	
	D.B	4	8	9	1	2	4	9	1/1990	McIntyre	427	421	
	D.C	4	9	0	0	3	8	4	2/1990	Sanders et al.	156	204	
	D.D	4	9	1	7	6	9	6	4/1990	De Jonckheere	604	385.2	
	D.E	4	9	4	9	6	6	8	8/1990	Heindel et al.	118	314	
	D.F	4	9	6	0	6	1	9	10/1990	Slautterback et al.	427	265	
	D.G	4	9	8	2	6	8	8	1/1991	Rothen	118	420	
	D.H	5	0	2	4	6	6	7	6/1991	Malcolm et al.	604	382	
	D.I	5	0	2	6	4	5	0	6/1991	Cucuzza et al.	156	244.11	
	D.J	5	0	5	7	5	7	1	10/1991	Malcolm et al.	524	505	
	D.K	5	1	0	2	4	8	4	4/1992	Allen et al.	156	244.11	

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	E.A	5	1	7	1	5	1	2	12/1992	Mende et al.	264	555	
	E.B	5	2	0	8	0	6	4	5/1993	Becker et al.	427	8	
	E.C	5	2	1	7	5	5	3	6/1993	Marx et al.	156	148	
	E.D	5	2	7	5	6	7	6	1/1994	Rooyakkers et al.	156	164	
	E.E	5	3	4	2	6	4	7	8/1994	Heindel et al.	427	2.31	
	E.F	5	5	0	1	7	5	6	3/1996	Rollins et al.	156	167	
	E.G	5	5	0	7	9	0	9	4/1996	Rollins et al.	156	425	
	E.H	5	5	2	5	1	7	5	6/1996	Blenke et al.	156	161	
	E.I	5	5	7	7	3	0	6	11/1996	Gold	24	715.3	
	E.J	5	8	8	2	5	7	3	3/1999	Kwok et al.	264	510	
	E.K	5	9	0	2	5	4	0	5/1999	Kwok	264	555	

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	F.A	5	9	0	4	2	9	8	5/1999	Kwok et al.	239	135	
	F.B	6	0	7	4	5	9	7	6/2000	Kwok et al.	264	555	
	F.C	6	0	7	7	3	7	5	6/2000	Kwok	156	161	
	F.D	6	1	9	7	4	0	6	3/2000	Kwok	628	195	
	F.E	6	2	0	0	6	3	5	3/2001	Kwok	427	286	
	F.F												
	F.G												
	F.H												
	F.I												
	F.J												
	F.K												

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